

PARALLEL TCP SENDER IMPLEMENTATION

ABSTRACT OF THE INVENTION

A system and method for providing parallel implementation of a TCP sender comprising a transmit request handler and a transmitter. A transfer control protocol (TCP) transmission system is provided, comprising: a transmit request handler that receives request events, records the event information into a connection context and either schedules a connection in a ready queue or places the connection in a pending queue; and a transmitter that operates in parallel with the transmit request handler, wherein the transmitter dequeues connections from the ready queue and prepares packets for transmission based on information recorded in the connection context.